



**The main FP7
instruments**

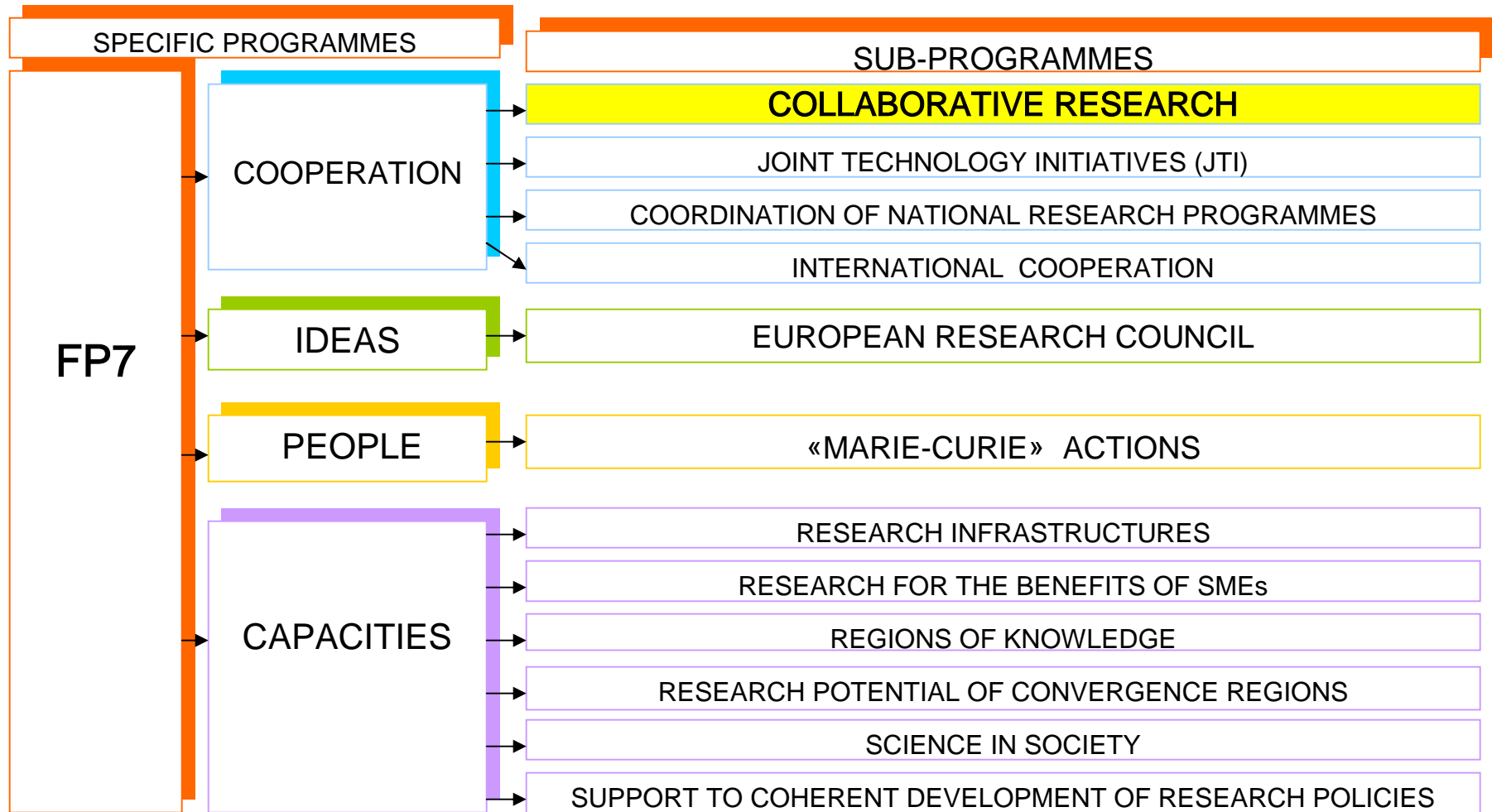
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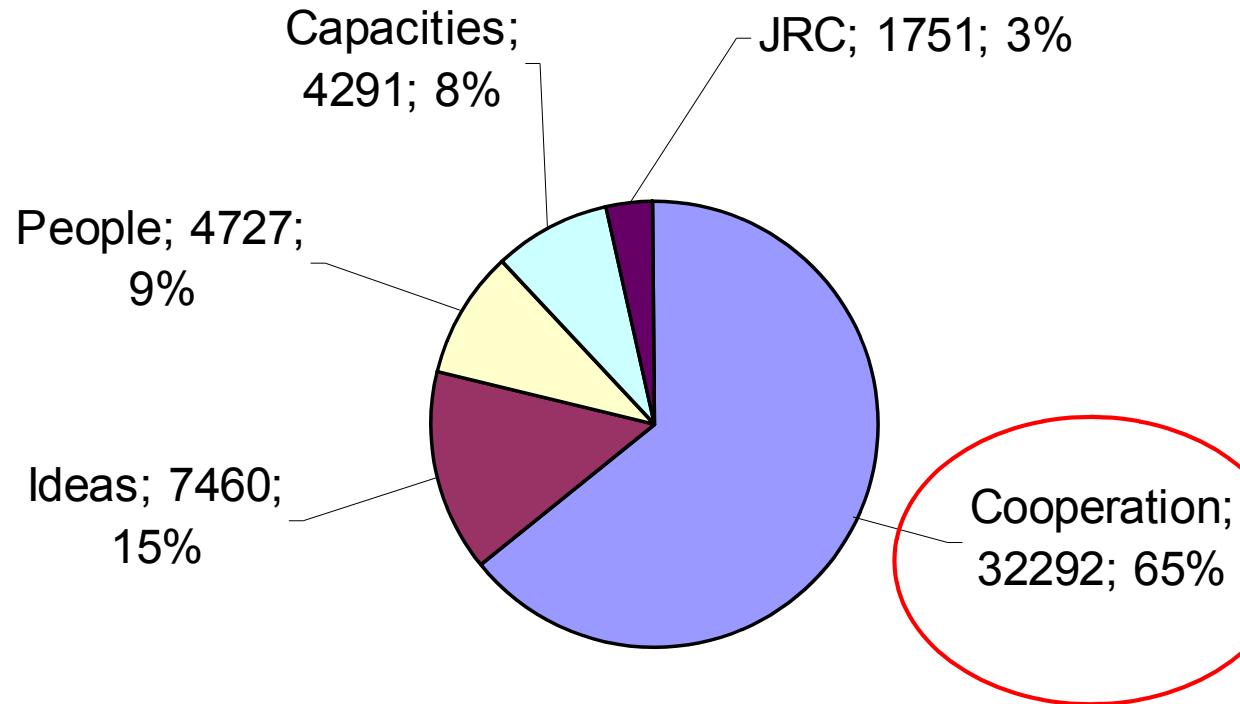
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Summary

STRUCTURE OF THE 7th Framework Programme



The main instruments of FP7



FP7 budget share in M €



FP7 structure: COOPERATION

Reminder of the 9 thematic areas

1. Health
2. Food, Agriculture and Biotechnology
3. **Information and Communication Technologies (ICT)**
4. Nanosciences, Nanotechnologies, Materials and new Production Technologies
5. Energy
6. Environment (including Climate Change)
7. Transport (including Aeronautics)
8. Socio-economic Sciences and Humanities
9. Space and Security

Overview

Content:

Funding schemes/instruments in ICT in FP7

- Collaborative projects (CP)
 - ❖ Integrating Projects (IP)
 - ❖ Focused projects (STREP)
- Networks of Excellence (NoE)
- Coordination and support actions (CSA)
 - ❖ Coordination or Networking actions (CA)
 - ❖ Support actions (SA)
- **Capacities:** Research for SMEs (CRAFT)

Funding schemes → Instruments in proposals



Funding schemes

3 funding schemes – 5 “instruments”

- Collaborative Projects (CP)
 - ❖ Large Scale Integrating Projects (“IP”)
 - ❖ Small or medium scale focused research actions (“STREP”)
- Networks of Excellence (NoE)
- Coordination and Support Actions (CSA)
 - ❖ Coordinating or networking actions (“CA”)
 - ❖ Support Actions (“SSA”)

ICT Work Programme – 2007/08: Budget pre-allocation to instruments!

Collaborative projects

Research aiming at developing new knowledge, new technology, products, demonstration activities or common resources for research



CP - Integrating Projects (IP) 1/2

Activities in an Integrating Project may cover

- ❖ research and technology development activities
- ❖ demonstration activities
- ❖ technology transfer or take-up activities
- ❖ training activities
- ❖ dissemination activities
- ❖ knowledge management and exploitation
- ❖ consortium management activities
- ❖ other activities

An Integrating Project comprises

- ❖ a coherent set of activities
- ❖ and an appropriate management structure

CP - Integrating Projects (IP) 2/2

Experience of IPs in FP6

- **Purpose:** Ambitious objective driven research with a 'programme approach'
- **Target audience:** Industry (incl. SMEs), Research institutions, Universities and in some cases potential End-users
- **Typical duration:** 36-60 months
- **Optimum consortium:** 10-20 participants
- **Total EU contribution:** €4-25m (average around €10m)
- **Flexibility in implementation:**
 - ❖ Update of Workplan
 - ❖ Possibility for competitive calls for enlargement of consortium

CP – Focused projects (STREP) 1/2

Targeting a specific objective in a clearly defined project approach. Fixed overall work plan with stable deliverables that do not change over the life-time of the project.

Two types of activity or combination of the two:

- A **research and technological development activity** designed to generate new knowledge to improve competitiveness and/or address major societal needs /or
- A **demonstration activity** designed to prove the viability of new technologies offering potential economic advantages but which can not be commercialised directly (e. g. testing of product like prototypes)

as well as

- **Project management activities** (including innovation related activities like protection of knowledge dissemination and exploitation



CP – Focused projects (STREP) 2/2

Experience of STREPs in FP6

Purpose: Objective driven research more limited in scope than an IP

Target audience: Industry incl. SMEs, research institutes, universities

Typical duration: 18-36 months

Optimum consortium: 6-15 participants

Total EU contribution: €0.8 - 3 m (average around €1.9m)

Fixed Workplan and fixed partnership for duration



Networks of excellence (NoE) 1/2

NoEs are an instrument to overcome the fragmentation of the European research landscape in a given area and remove the barriers to integration.

Their purpose is to reach a durable restructuring and integration of efforts and institutions or parts of institutions.

The success of an NoE is not measured in terms of scientific results

- ...but by the extent to which the social fabric for researchers and research institutions in a field has changed due to the project,
- ...and the extent to which the existing capacities become more competitive as a result of this change



Networks of excellence (NoE) 2/2

Experience of NoEs in FP6

- **Purpose:** Durable integration of participants' research activities
- **Target audience:** research institutions, universities, mainly indirectly: industry – through governing boards etc.
- **Typical duration:** 48-60 months (but indefinite integration!)
- **Optimum consortium:** 6-12 participants
- **Total EU contribution:** €4-15m (average around €7m)
- **Flexibility in implementation:**

Update of Workplan

Possibility to add participants through competitive calls



Coordination or Networking actions 1/3

Designed to promote and support the ad hoc networking and co-ordination of research and innovation activities at national, regional and European level over a fixed period for a specific purpose:

- by establishing in a coherent way coordinated initiatives of a range of research and innovation operators, in order to achieve improved cooperation of the European research

May combine the following two types of activities:

- Co-ordination activities
- Consortium management activities

(Coordination actions do not conduct S&T research !)



Coordination or Networking actions 2/3

Each Coordination Action shall propose a work plan, incorporating all or some of the following types of mid/long term collaborative activities:

- ❖ Organisation of events (conferences, meetings);
- ❖ Performance of studies, analysis;
- ❖ Exchanges of personnel;
- ❖ Exchange and dissemination of good practice;
- ❖ Setting up of common information systems
- ❖ Setting up of expert groups;
- ❖ Definition, organisation, management of joint or common initiatives
- ❖ Management of the action

Coordination or Networking actions 3/3

Experience of CAs in FP6

- Purpose: Co-ordination of research activities
- Target Audience: Research institutions, Universities, Industry incl. SMEs
- Typical duration: 18-36 months
- Optimum consortium: 13-26 participants
- Total EU contribution: €0.5-1.8m (average around €1m)

Fixed overall Workplan and partnership for the duration



Support actions 1/3

Designed to:

- ❖ underpin the implementation of the programme
- ❖ complement the other FP7 funding schemes,
- ❖ help in preparations for future Community research and technological development policy activities and
- ❖ stimulate, encourage and facilitate the participation of SMEs, civil society organisations, small research teams, newly developed and remote research centres, as well as setting up research clusters across Europe
- ❖ Cover one off events or single purpose activities

May combine the following two types of activities:

- ❖ Support activities
- ❖ Consortium management activities
- ❖ (Support actions do not conduct S&T research !)



Support actions 2/3

Each Support Action shall have a work plan, which may consist of one or more (as appropriate on a case by case basis) of the following activities:

- ❖ Conferences, seminars, working groups and expert groups;
- ❖ Studies, analysis;
- ❖ Fact findings and monitoring;
- ❖ Preparatory technical work, including feasibility studies
- ❖ Development of research or innovation strategies;
- ❖ High level scientific awards and competitions;
- ❖ Operational support, data access and dissemination, information and communication activities.

SA proposals may be presented by a consortium or a single organisation, from any country or countries

Support actions 3/3

Experience of SSAs in FP6

Purpose: Support to programme implementation, preparation of future actions, dissemination of results

Target audience: Research organisations, universities, industry incl. SMEs

Typical duration: 9-30 months

Optimum consortium: 1-15 participants

Total EU contribution: €0.03-1m (average around €0.5m)

Fixed overall Workplan and partnership for the duration



Research for SME (CRAFT) 1/2

Objective of Co-operative Research Project

- ❖ To support SMEs without own research facilities : outsourcing R&D work to a third party
- ❖ To help SMEs to answer innovation needs
- ❖ To facilitate trans-national cooperation between SMEs and Research Centres

Approach

- ❖ Bottom-up approach (from the market)
- ❖ No specific calls and works for all research areas
- ❖ Financing for RTD (100%), Rights for SMEs

Budget 2007 – 2013 of around 1'336 million Euros



Research for SME (CRAFT) 2/2

Experience of CRAFTs in FP6

Target audience: SMEs, Research organisations, End users

Typical duration: 18-36 months

Optimum consortium: 6-10 participants

Total EU contribution: €0.5 - 2 m (average around €1m)

Costs of outsourced R&D must represent at least 60% (40% in FP6) of the total costs of R&D



Funding schemes in ICT

- Funding schemes are defined in an Annex to the Workprogramme and in the Guides for Applicants
- The Commission never changes “instruments”: A proposal submitted as an Integrating project is evaluated using the IP evaluation criteria, and is ranked against the other Integrating project proposals submitted in the call
- So be sure you are using the right instrument for your project idea!

Budget

In each objective the budget is *pre-allocated* per funding scheme e.g.

Objective 1.1 The Network of the Future

- Collaborative projects €180m - of which a minimum of €84m for IP and €42m for FP
- Networks of excellence €14m
- Cooperation and support actions €6m